

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/516,361B
Source: 1FWO
Date Processed by STIC: 11/27/06

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RAW SEQUENCE LISTING

DATE: 11/27/2006

PATENT APPLICATION: US/10/516,361B

TIME: 09:32:35

Input Set : F:\10516361 Supplemental CRF.txt

Output Set: N:\CRF4\11272006\J516361B.raw

3 <110> APPLICANT: Amirul, Islam
 4 Hazra, Papia
 6 <120> TITLE OF INVENTION: MET/FRET BASED METHOD OF TARGET NUCLEIC ACID DETECTION
 WHEREBY
 7 THE DONOR/ACCEPTOR MOIETIES ARE ON COMPLEMENTARY STRANDS
 9 <130> FILE REFERENCE: 3875.033
 11 <140> CURRENT APPLICATION NUMBER: US 10/516,361B
 12 <141> CURRENT FILING DATE: 2004-11-30
 14 <150> PRIOR APPLICATION NUMBER: PCT/IN03/00204
 15 <151> PRIOR FILING DATE: 2003-05-30
 17 <150> PRIOR APPLICATION NUMBER: 487/MUM/2002 (IN)
 18 <151> PRIOR FILING DATE: 2002-05-31
 20 <160> NUMBER OF SEQ ID NOS: 31
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 20
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Forward PCR primer for amplification of a target sequence
 chosen
 31 arbitrarily and made from Sequence ID Nos. 3 and 4.
 33 <400> SEQUENCE: 1
 34 acttaagtta gagcgtttgc 20
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 20
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Artificial
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Forward PCR primer for amplification of a target sequence
 chosen
 44 arbitrarily and made from Sequence ID Nos. 3 and 4.
 46 <400> SEQUENCE: 2
 47 tggtagtatg tgatttagtc 20
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 40
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Arbitrarily chosen sequences. Bases 27 to 40 are
 complementary to
 57 basis 31 to 44 of Sequence ID No. 4. DNA polymerase extension of
 58 annealed Sequence ID Nos. 3 and 4 results in the target sequence.
 60 <400> SEQUENCE: 3

61 tacacttaag ttagagcgtt tgcgcccact acgacggttg
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 44

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66 <212> TYPE: DNA
 67 <213> ORGANISM: Artificial
 69 <220> FEATURE:
 70 <223> OTHER INFORMATION: Arbitrarily chosen sequences. Bases 27 to 40 are
 complementary to
 71 bases 31 to 44 of Sequence ID No. 4. DNA polymerase extension of
 72 annealed Sequence ID Nos. 3 and 4 results in the target sequence.
 74 <400> SEQUENCE: 4
 75 gtttttgtgg tagtatgtga tttagtcatt caaccgtcgt agtg 44
 78 <210> SEQ ID NO: 5
 79 <211> LENGTH: 20
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Artificial
 83 <220> FEATURE:
 84 <223> OTHER INFORMATION: Forward PCR primer for amplification of a target sequence
 chosen
 85 arbitrarily and made from Sequence ID Nos. 3 and 4. Base t at
 86 base position 18 from 5' end has fluorophore FAM.
 88 <400> SEQUENCE: 5
 89 acttaagtta gagcgtttgc 20
 92 <210> SEQ ID NO: 6
 93 <211> LENGTH: 19
 94 <212> TYPE: DNA
 95 <213> ORGANISM: Leishmania donovani
 97 <400> SEQUENCE: 6
 98 acggagcggc tgaaggtgc 19
 101 <210> SEQ ID NO: 7
 102 <211> LENGTH: 27
 103 <212> TYPE: DNA
 104 <213> ORGANISM: Leishmania donovani
 106 <400> SEQUENCE: 7
 107 aggtgcatcc acttgctctg cacctgc 27
 110 <210> SEQ ID NO: 8
 111 <211> LENGTH: 21
 112 <212> TYPE: DNA
 113 <213> ORGANISM: Leishmania donovani
 115 <400> SEQUENCE: 8
 116 aggcagatgg cgctgcctc g 21
 119 <210> SEQ ID NO: 9
 120 <211> LENGTH: 25
 121 <212> TYPE: DNA
 122 <213> ORGANISM: Leishmania donovani
 124 <400> SEQUENCE: 9
 125 atgcggcgct gtagtaccgc gcatc 25
 128 <210> SEQ ID NO: 10
 129 <211> LENGTH: 20
 130 <212> TYPE: DNA
 131 <213> ORGANISM: Leishmania donovani
 133 <400> SEQUENCE: 10
 134 ggggtactac agcgccctga 20
 137 <210> SEQ ID NO: 11

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138 <211> LENGTH: 28
139 <212> TYPE: DNA
140 <213> ORGANISM: Leishmania donovani
142 <400> SEQUENCE: 11
143 atggccatgt cctggaagat ggccatgg                28
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 29
148 <212> TYPE: DNA
149 <213> ORGANISM: Leishmania donovani
151 <400> SEQUENCE: 12
152 atggccatcg tcctggaaga tggccatgg                29
155 <210> SEQ ID NO: 13
156 <211> LENGTH: 20
157 <212> TYPE: DNA
158 <213> ORGANISM: Leishmania donovani
160 <400> SEQUENCE: 13
161 gtcctggaag atggccatgg                20
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 20
166 <212> TYPE: DNA
167 <213> ORGANISM: Leishmania donovani
169 <400> SEQUENCE: 14
170 ctgcacacgg agcggctgaa                20
173 <210> SEQ ID NO: 15
174 <211> LENGTH: 20
175 <212> TYPE: DNA
176 <213> ORGANISM: Leishmania donovani
178 <400> SEQUENCE: 15
179 ggacgagctc atggcgcttg                20
182 <210> SEQ ID NO: 16
183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Leishmania donovani
187 <400> SEQUENCE: 16
188 gtcctgttca ccttcactg                20
191 <210> SEQ ID NO: 17
192 <211> LENGTH: 19
193 <212> TYPE: DNA
194 <213> ORGANISM: Leishmania donovani
196 <400> SEQUENCE: 17
197 gctcatggcg cctgcctcg                19
200 <210> SEQ ID NO: 18
201 <211> LENGTH: 19
202 <212> TYPE: DNA
203 <213> ORGANISM: Leishmania donovani
205 <400> SEQUENCE: 18
206 gcgtgtagta ccccgcatc                19
209 <210> SEQ ID NO: 19
210 <211> LENGTH: 20

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211 <212> TYPE: DNA
212 <213> ORGANISM: Leishmania donovani
214 <400> SEQUENCE: 19
215 ggggtactac agcgccctga 20
218 <210> SEQ ID NO: 20
219 <211> LENGTH: 20
220 <212> TYPE: DNA
221 <213> ORGANISM: Leishmania donovani
223 <400> SEQUENCE: 20
224 gtcctggaag atggccatgg 20
227 <210> SEQ ID NO: 21
228 <211> LENGTH: 18
229 <212> TYPE: DNA
230 <213> ORGANISM: Leishmania donovani
232 <400> SEQUENCE: 21
233 ggggtactac agcgccct 18
236 <210> SEQ ID NO: 22
237 <211> LENGTH: 29
238 <212> TYPE: DNA
239 <213> ORGANISM: Leishmania donovani
241 <400> SEQUENCE: 22
242 atggccatcg tcctggaaga tggccatgg 29
245 <210> SEQ ID NO: 23
246 <211> LENGTH: 29
247 <212> TYPE: DNA
248 <213> ORGANISM: Leishmania donovani
250 <400> SEQUENCE: 23
251 atggccatcg tcctggaaga tggccatgg 29
254 <210> SEQ ID NO: 24
255 <211> LENGTH: 19
256 <212> TYPE: DNA
257 <213> ORGANISM: Leishmania donovani
259 <400> SEQUENCE: 24
260 gctcatggcg cctgcctcg 19
263 <210> SEQ ID NO: 25
264 <211> LENGTH: 20
265 <212> TYPE: DNA
266 <213> ORGANISM: Leishmania donovani
268 <400> SEQUENCE: 25
269 gtcctggaag atggccatgg 20
272 <210> SEQ ID NO: 26
273 <211> LENGTH: 20
274 <212> TYPE: DNA
275 <213> ORGANISM: Leishmania donovani
277 <400> SEQUENCE: 26
278 gtcctggaag atggccatgg 20
281 <210> SEQ ID NO: 27
282 <211> LENGTH: 20
283 <212> TYPE: DNA

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Input Set : F:\10516361 Supplemental CRF.txt

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284 <213> ORGANISM: Escherichia coli
286 <400> SEQUENCE: 27
287 tgaattcaat ctcgcaaacg 20
290 <210> SEQ ID NO: 28
291 <211> LENGTH: 26
292 <212> TYPE: DNA
293 <213> ORGANISM: Escherichia coli
295 <400> SEQUENCE: 28
296 atcggatccc aaatgcctga ggccag 26
299 <210> SEQ ID NO: 29
300 <211> LENGTH: 20
301 <212> TYPE: DNA
302 <213> ORGANISM: Escherichia coli
304 <400> SEQUENCE: 29
305 ggcaatgaaa agccacttct 20
308 <210> SEQ ID NO: 30
309 <211> LENGTH: 20
310 <212> TYPE: DNA
311 <213> ORGANISM: Escherichia coli
313 <400> SEQUENCE: 30
314 ttaaccggcg attgagtacc 20
317 <210> SEQ ID NO: 31
318 <211> LENGTH: 20
319 <212> TYPE: DNA
320 <213> ORGANISM: Escherichia coli
322 <400> SEQUENCE: 31
323 agccttatga cgtgcagctt 20

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/27/2006
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5

VERIFICATION SUMMARY

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